

FIG. 1

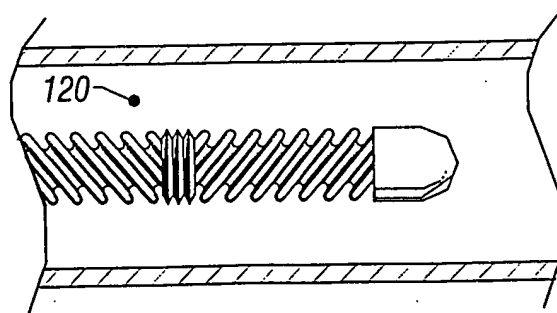


FIG. 2

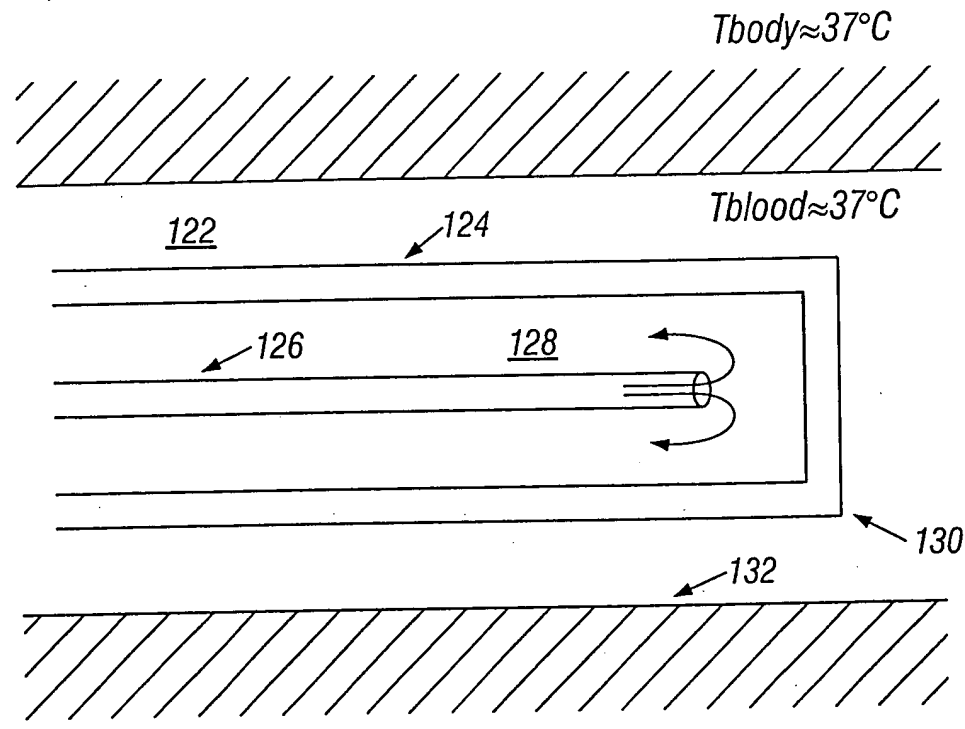
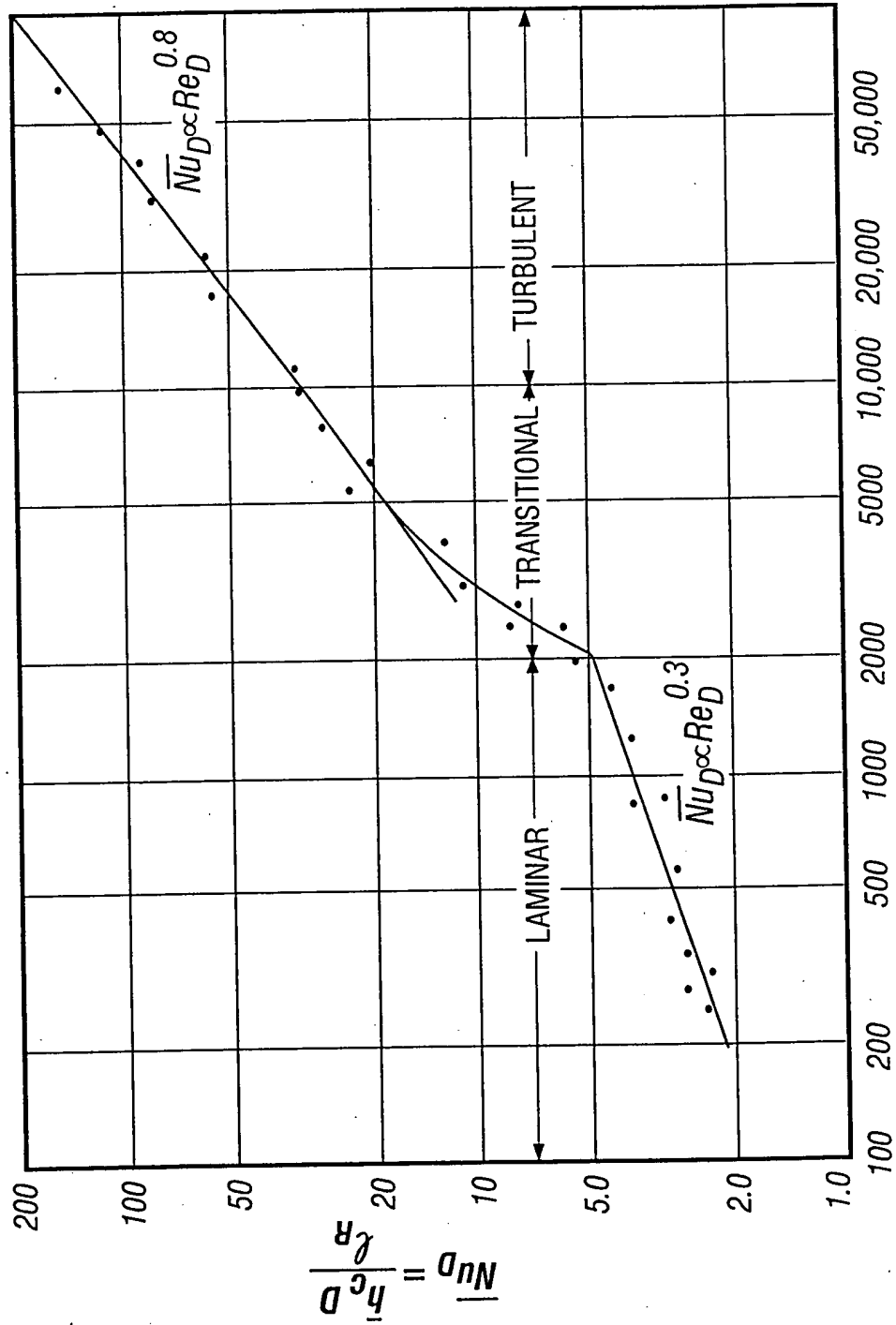


FIG. 3



$$Re_D = \frac{U_\infty D}{\mu}$$

FIG. 4

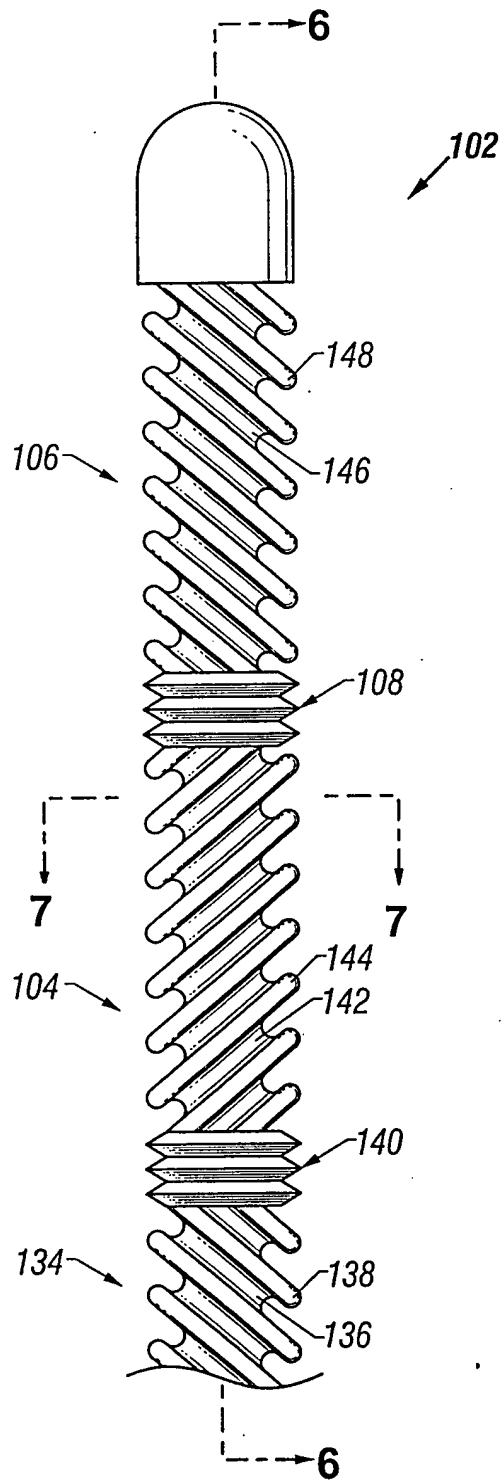


FIG. 5

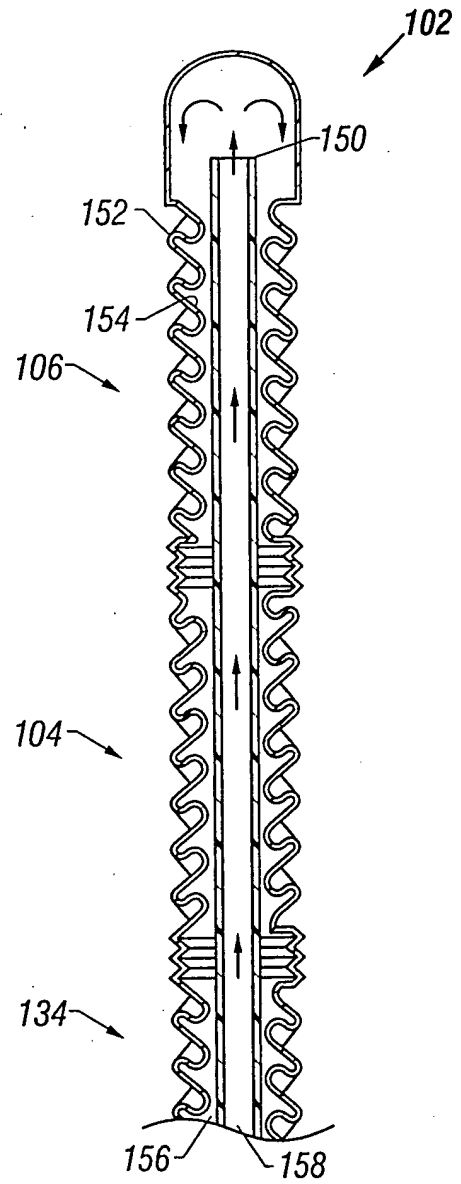


FIG. 6

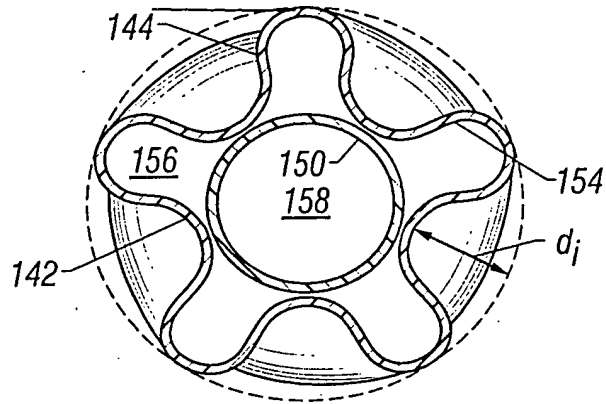


FIG. 7

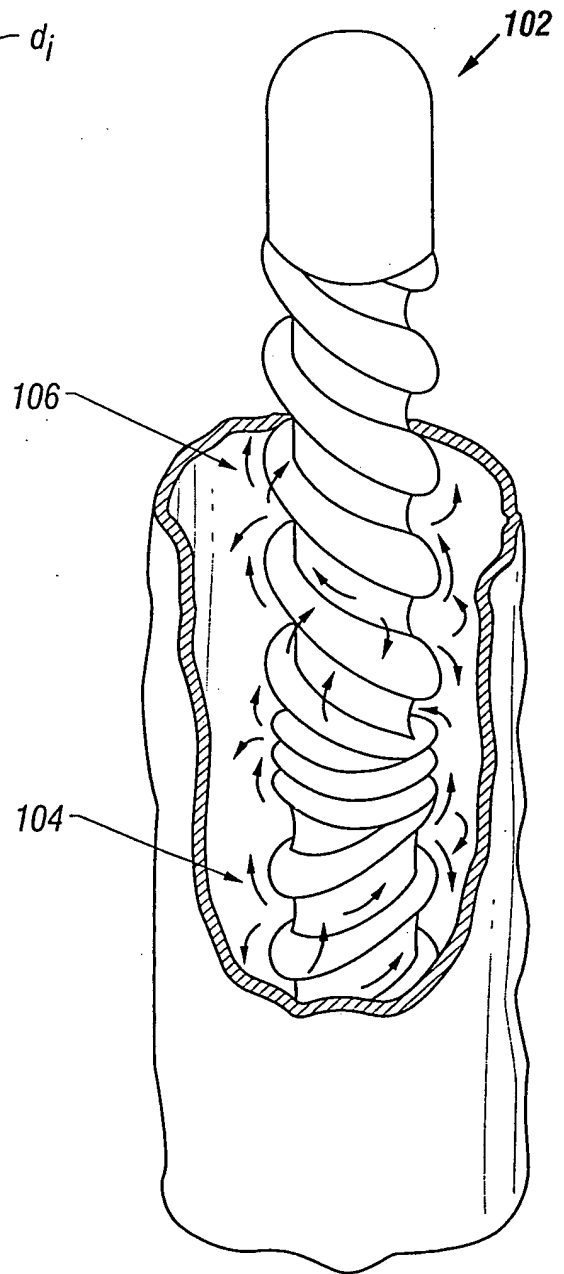


FIG. 8

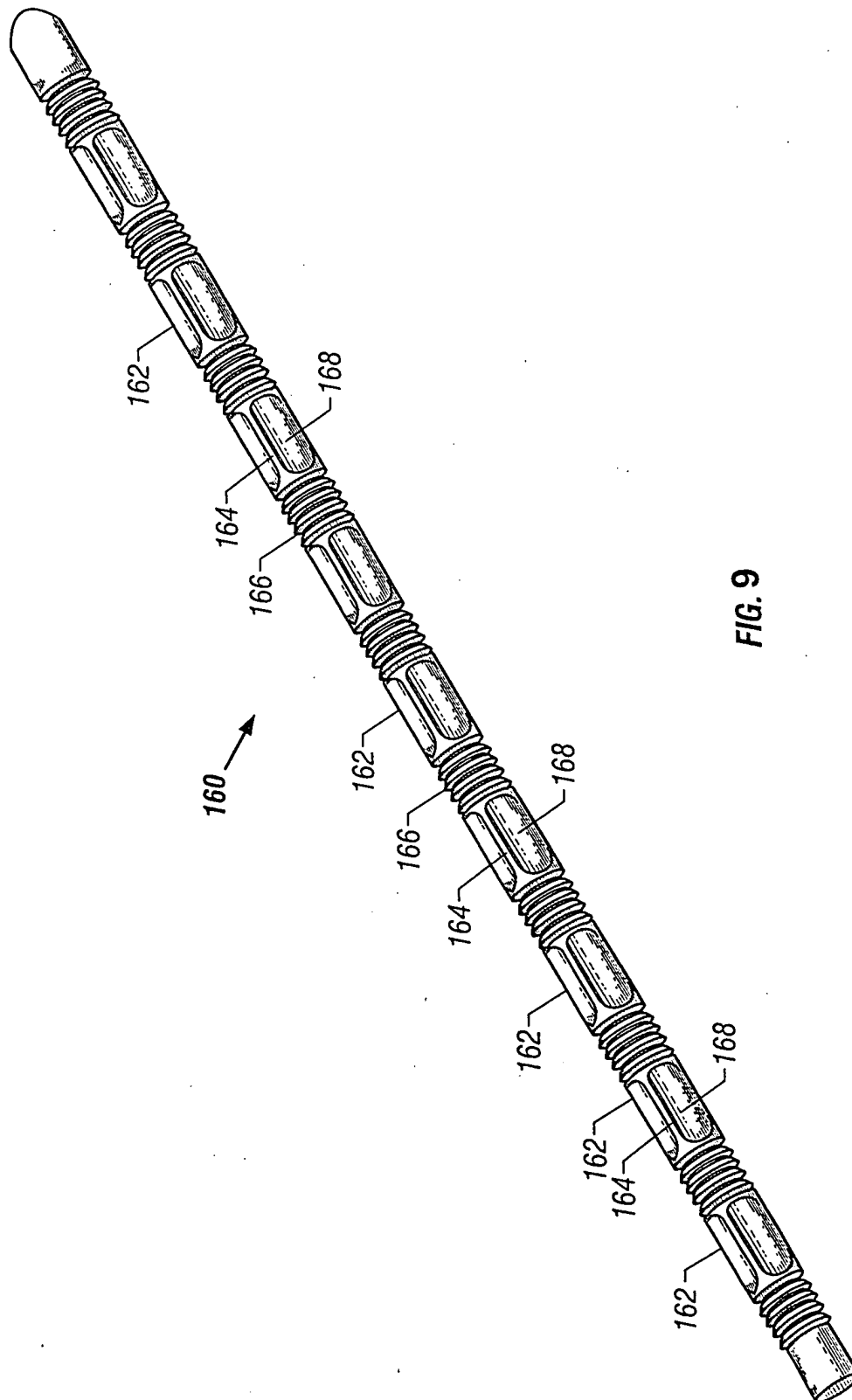


FIG. 9

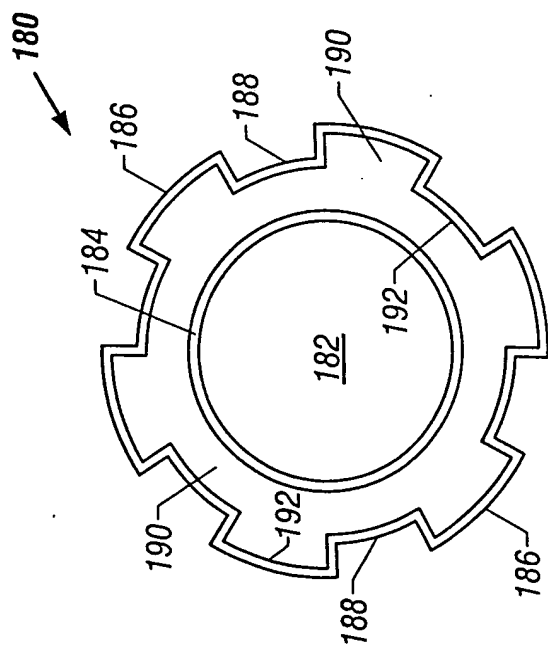


FIG. 10



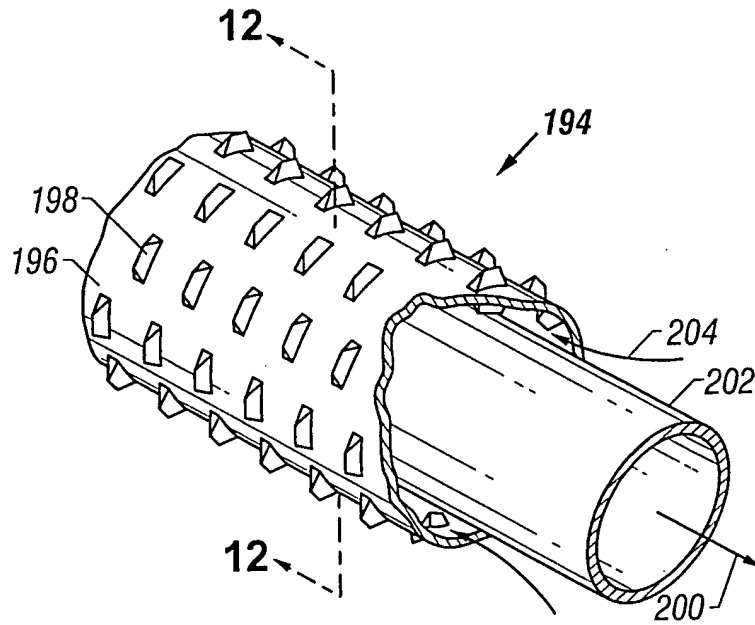


FIG. 11

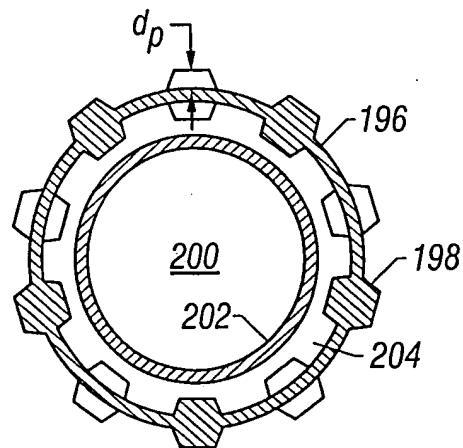


FIG. 12

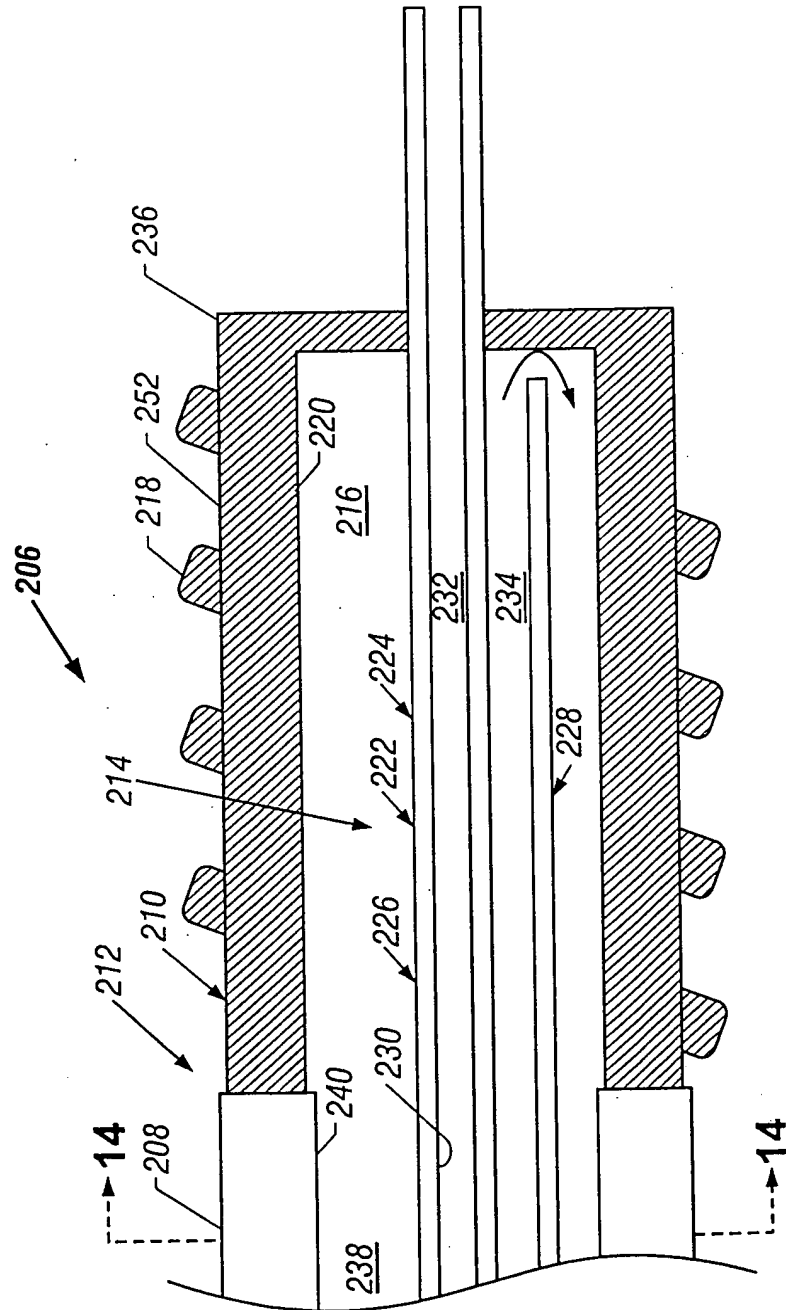


FIG. 13

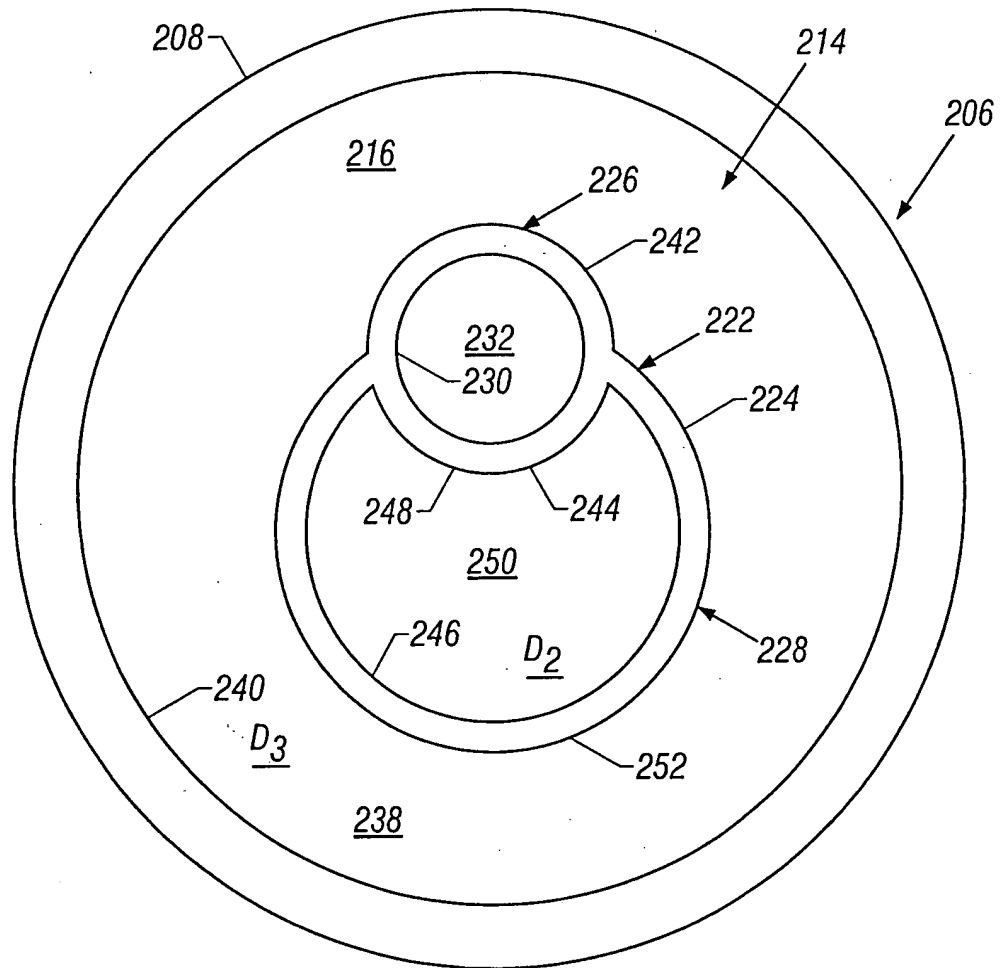


FIG. 14

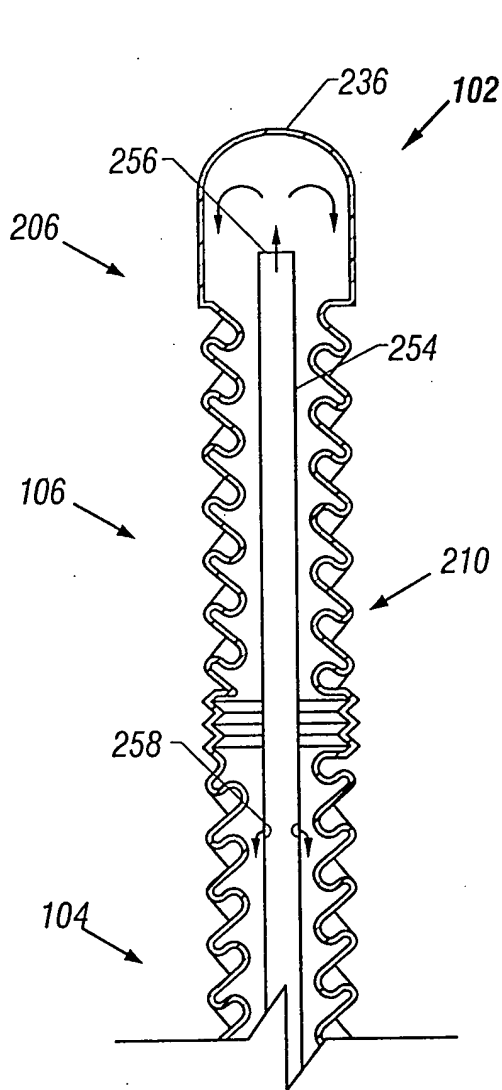


FIG. 15

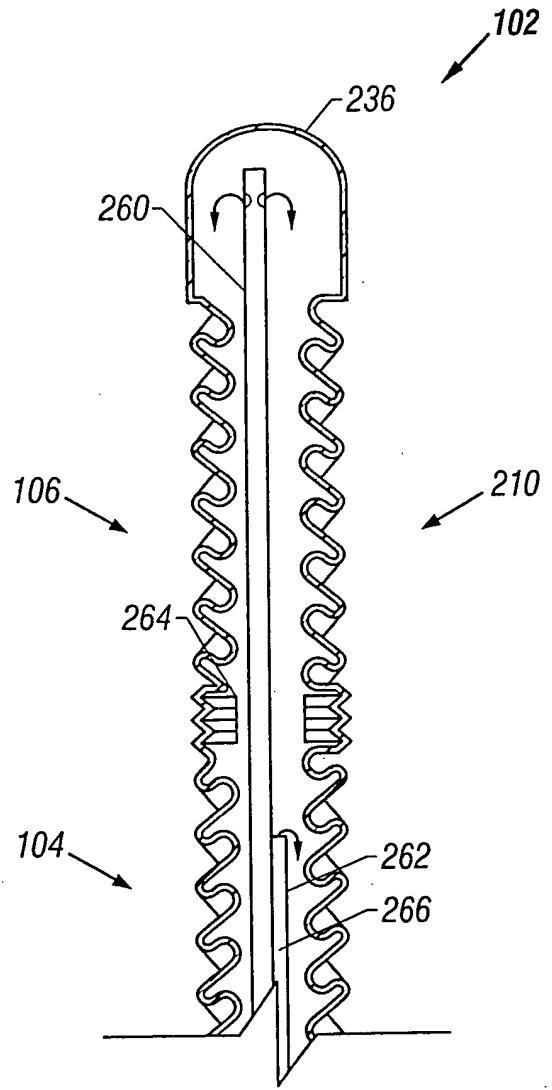


FIG. 16

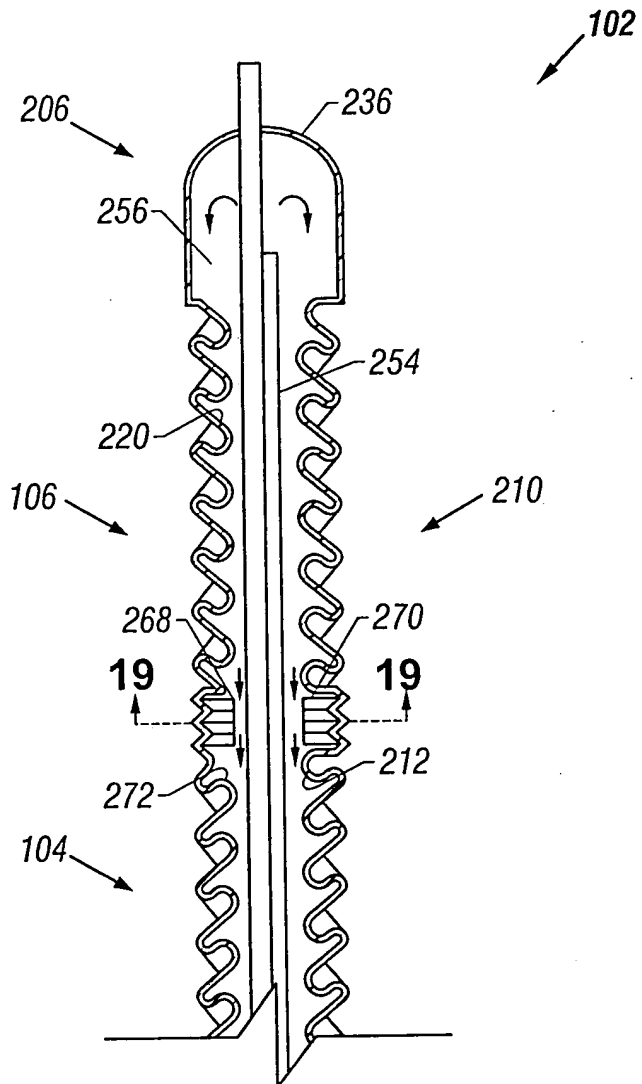
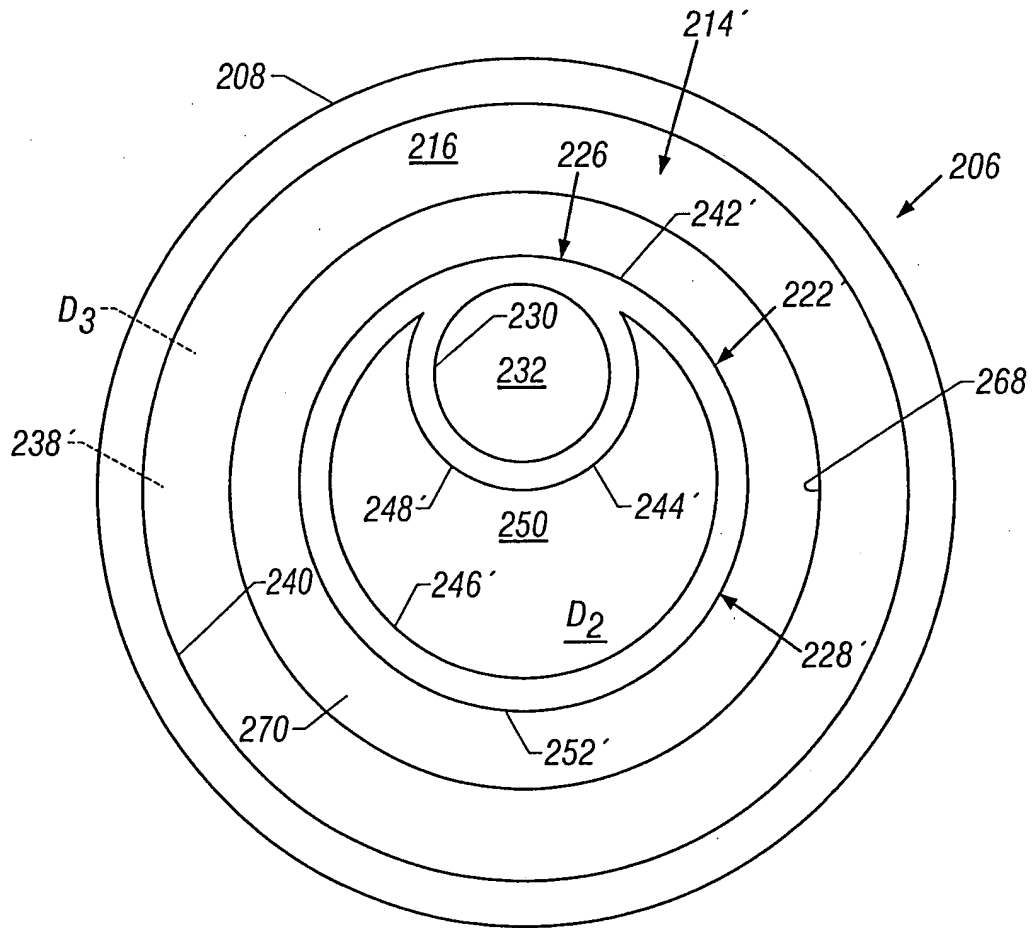
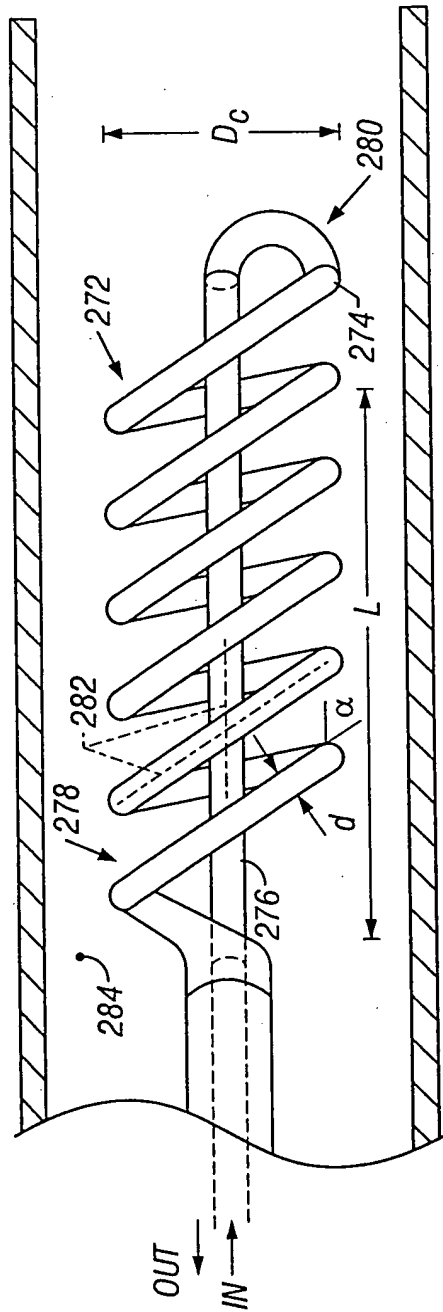


FIG. 17



**FIG. 18**



**FIG. 19**

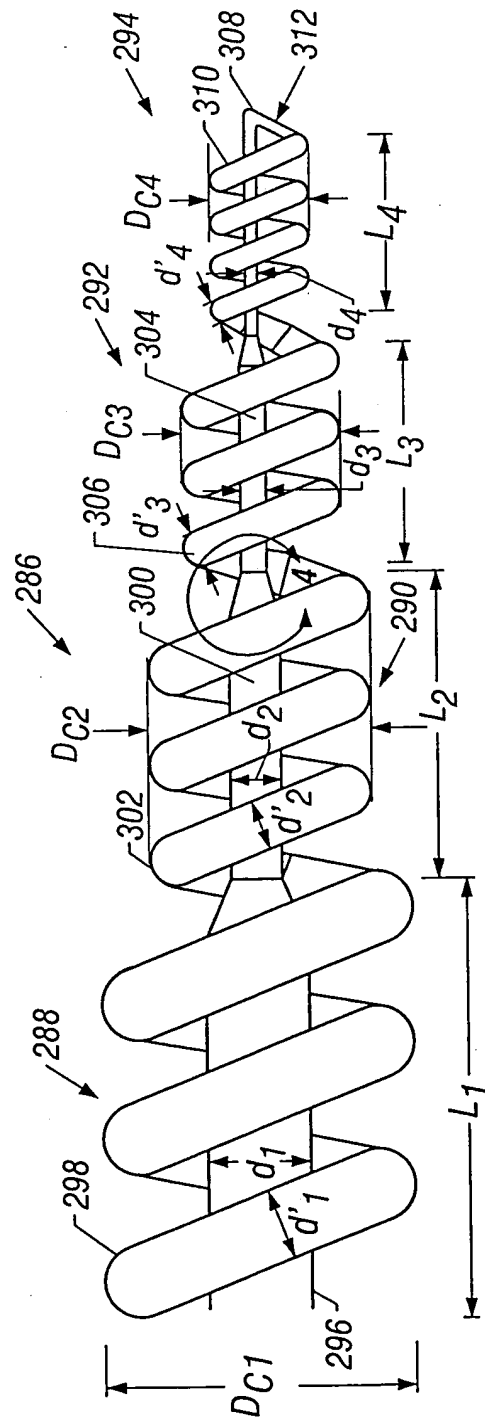


FIG. 20

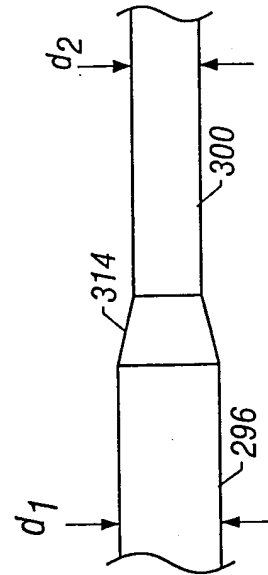


FIG. 21



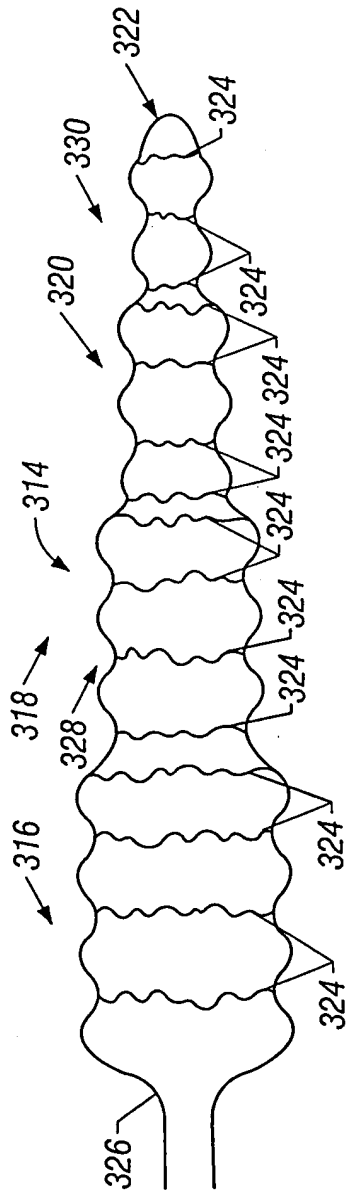


FIG. 22

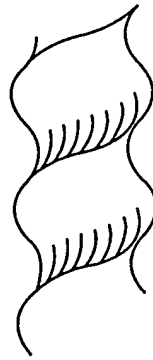


FIG. 23

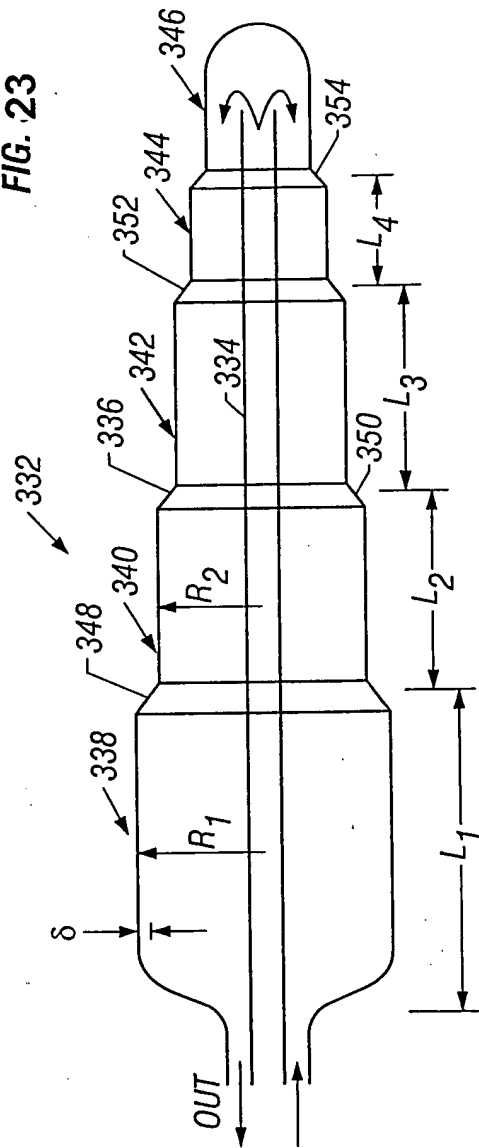
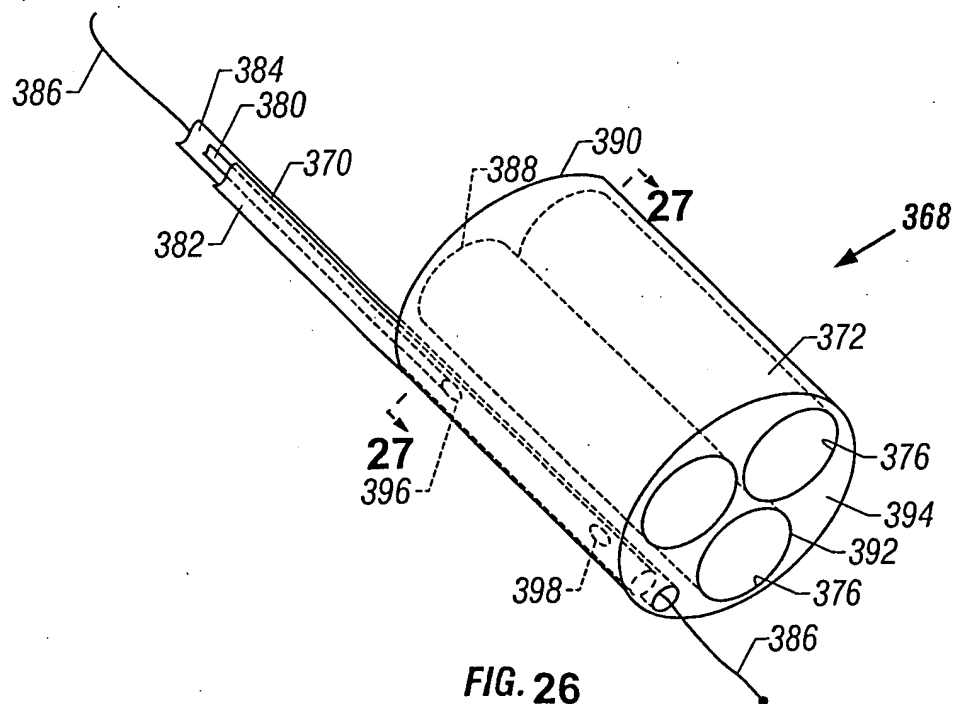
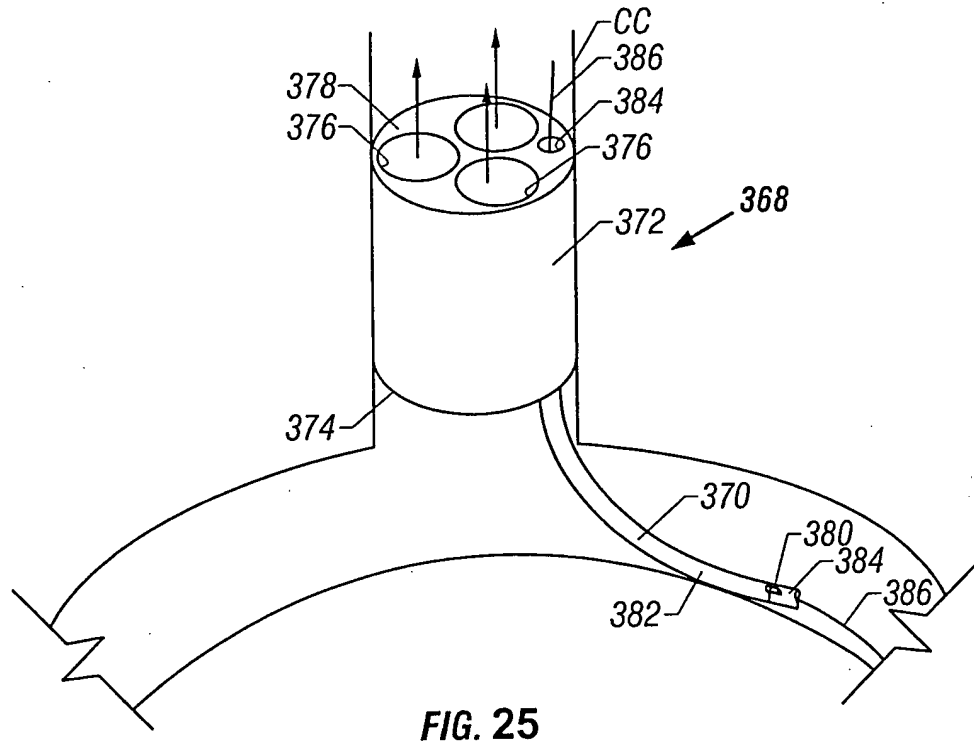


FIG. 24



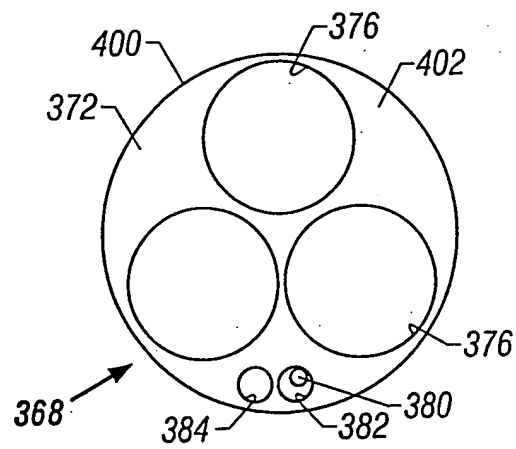


FIG. 27

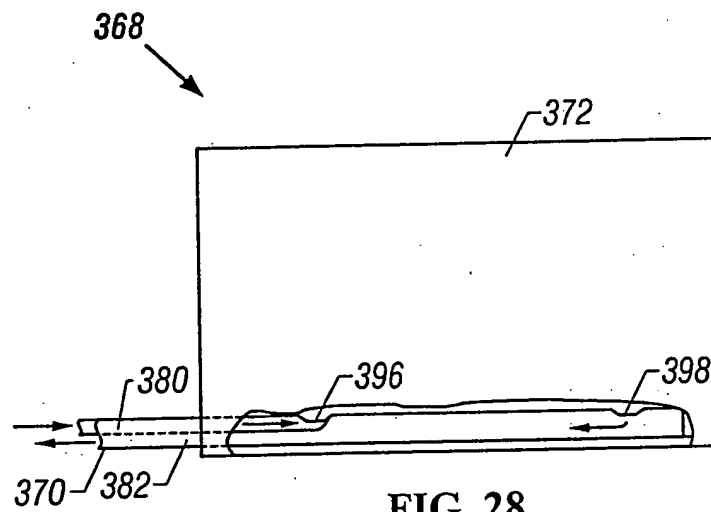


FIG. 28

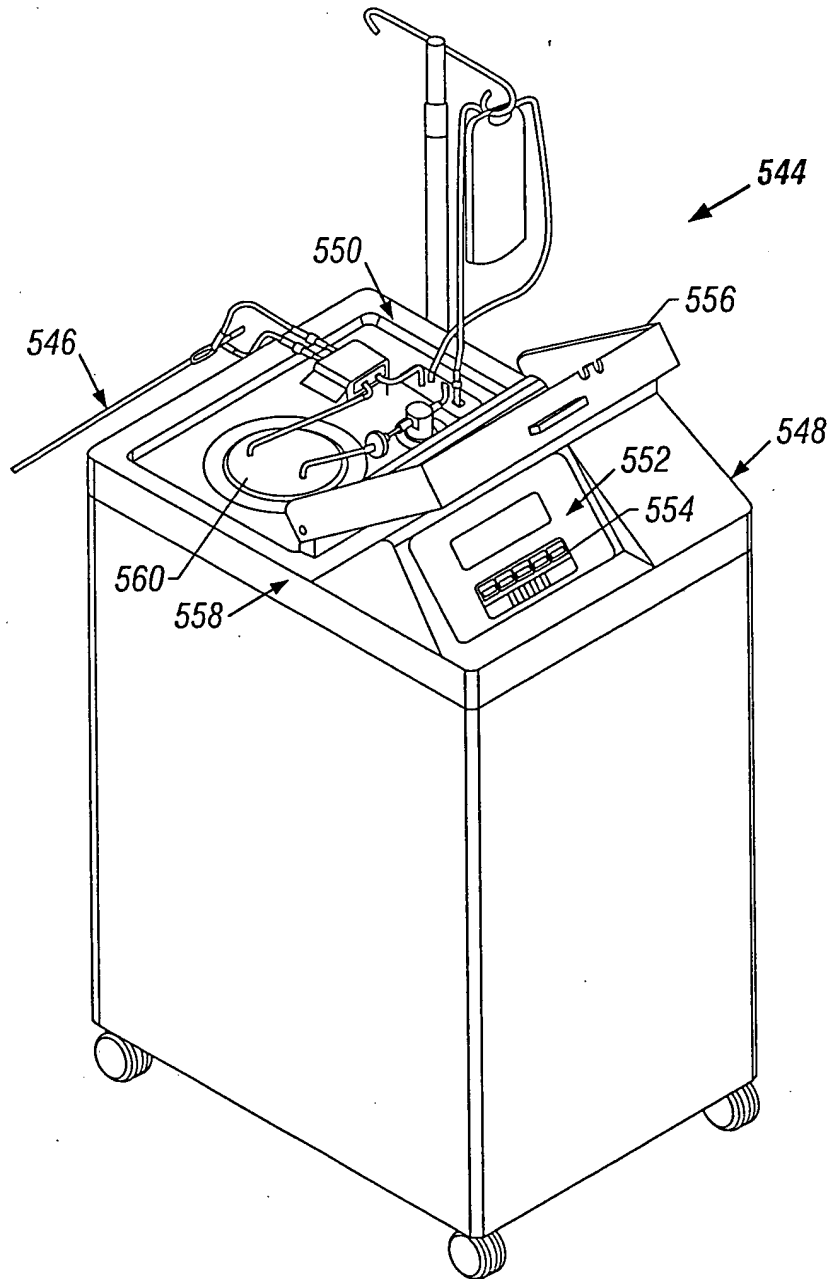


FIG. 29

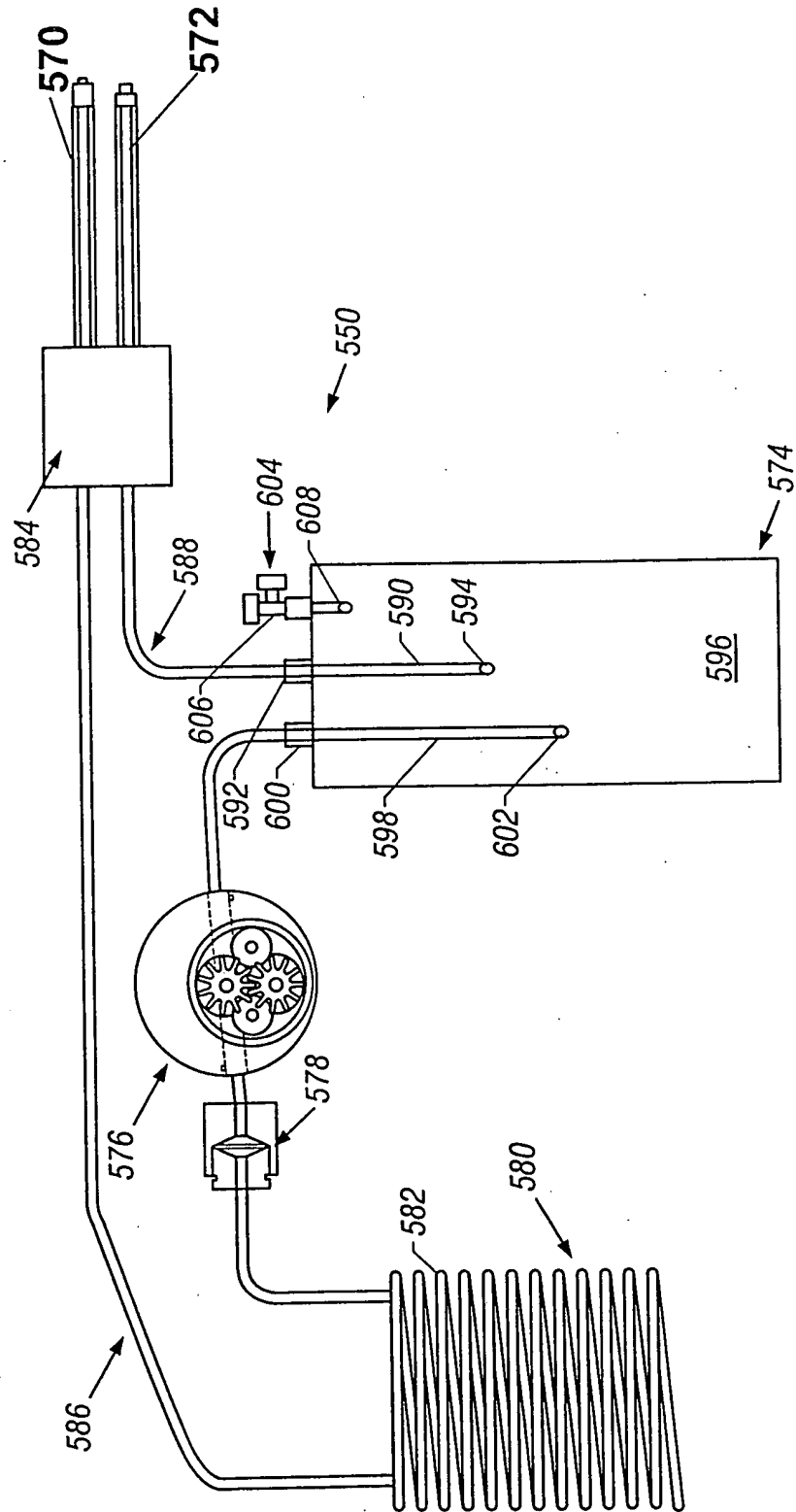


FIG. 30

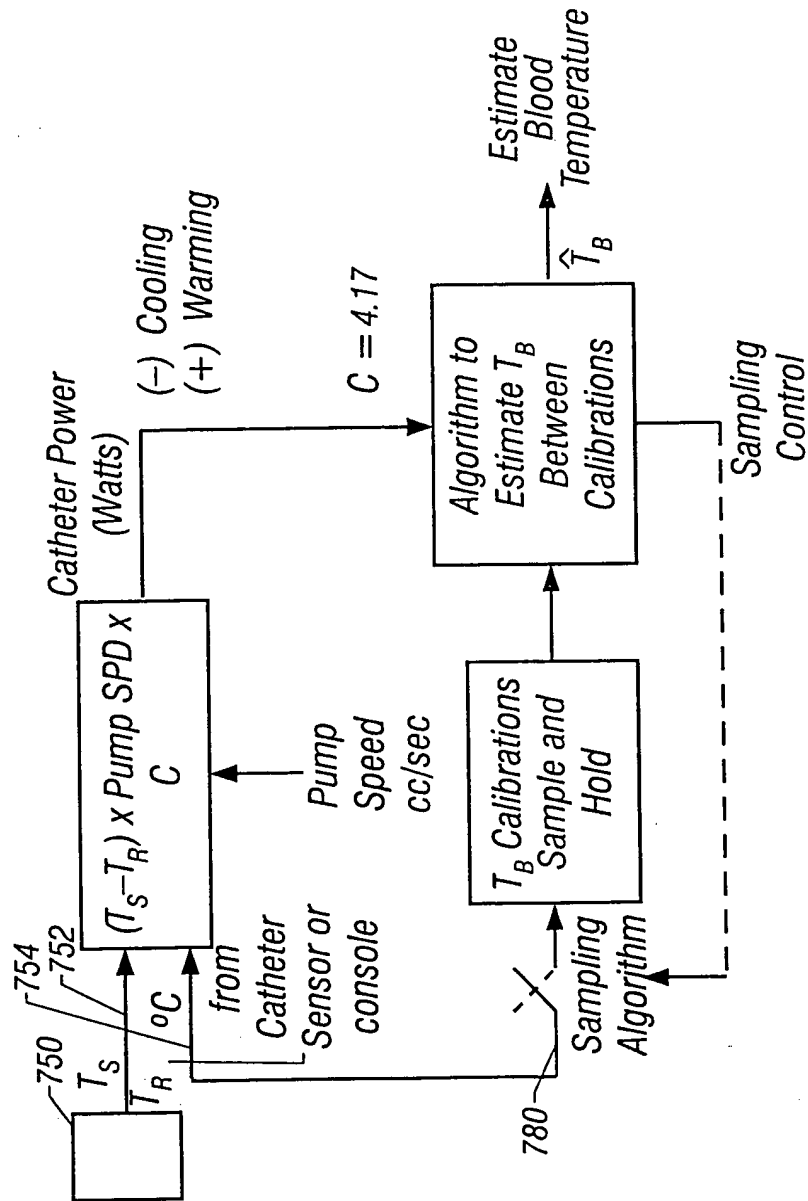


FIG. 31

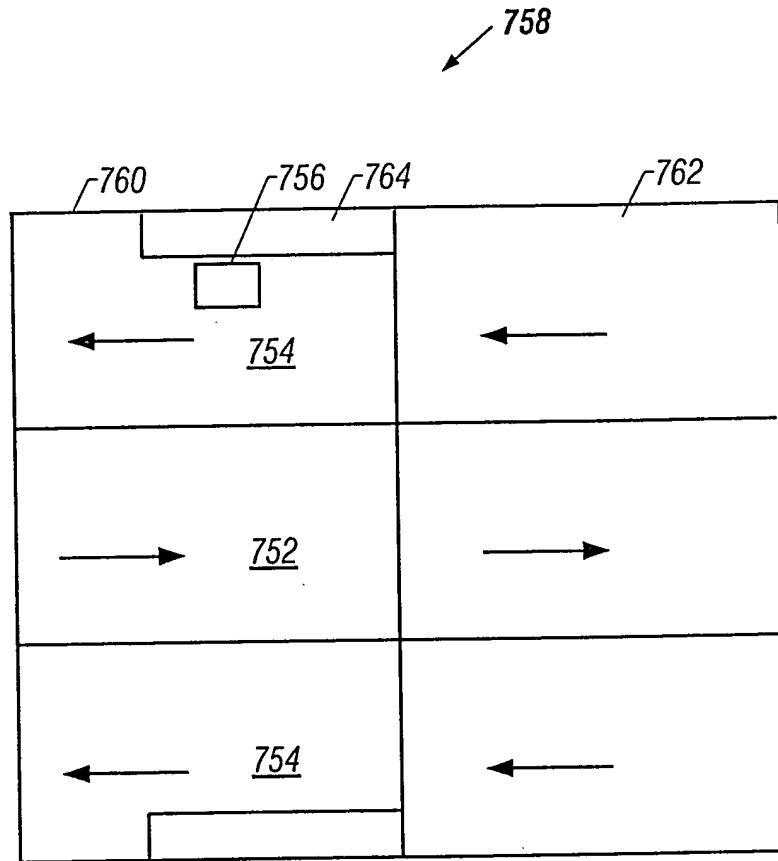


FIG. 32

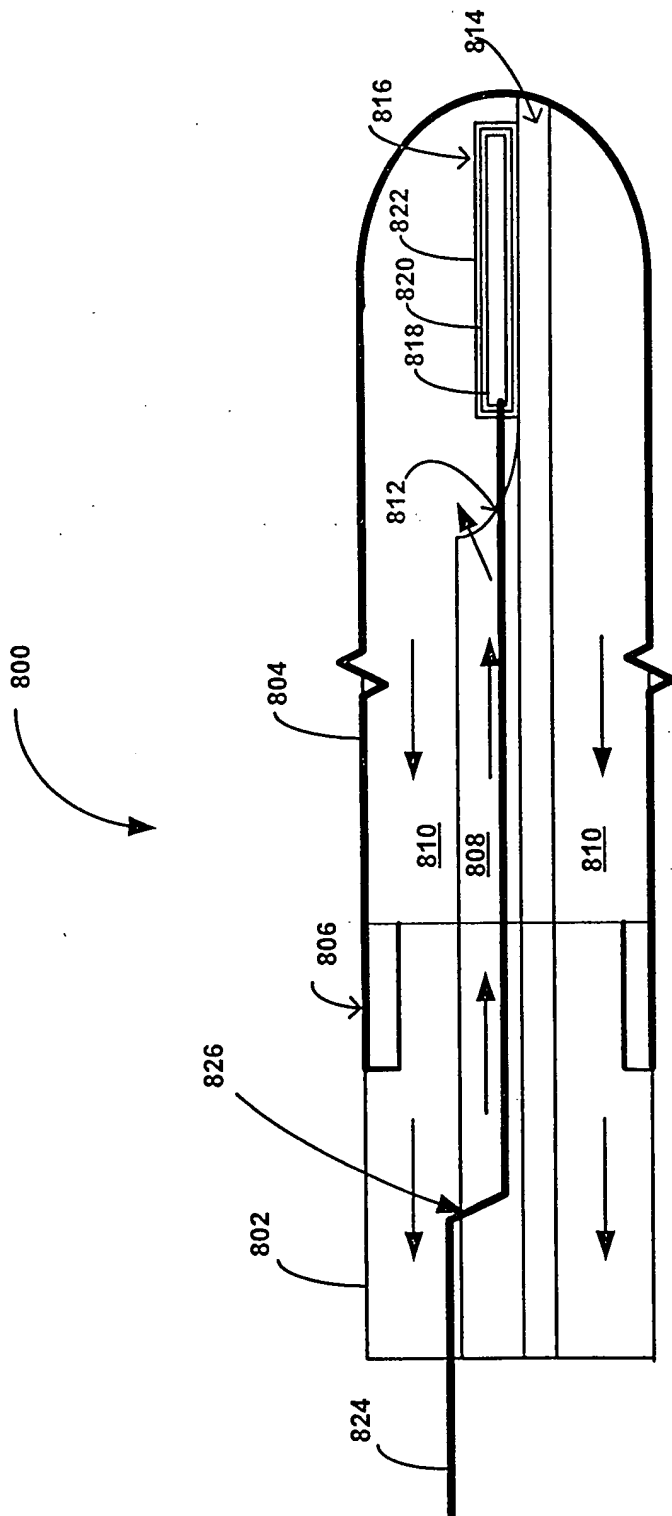


Figure 33



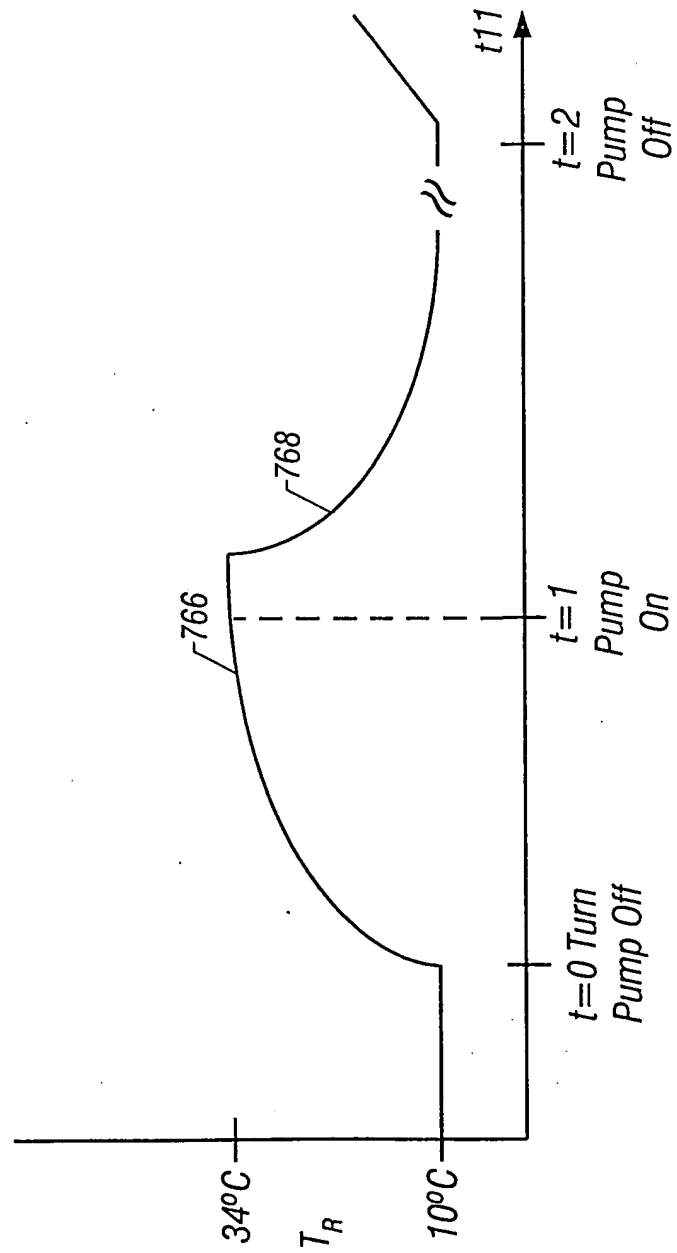


FIG. 34

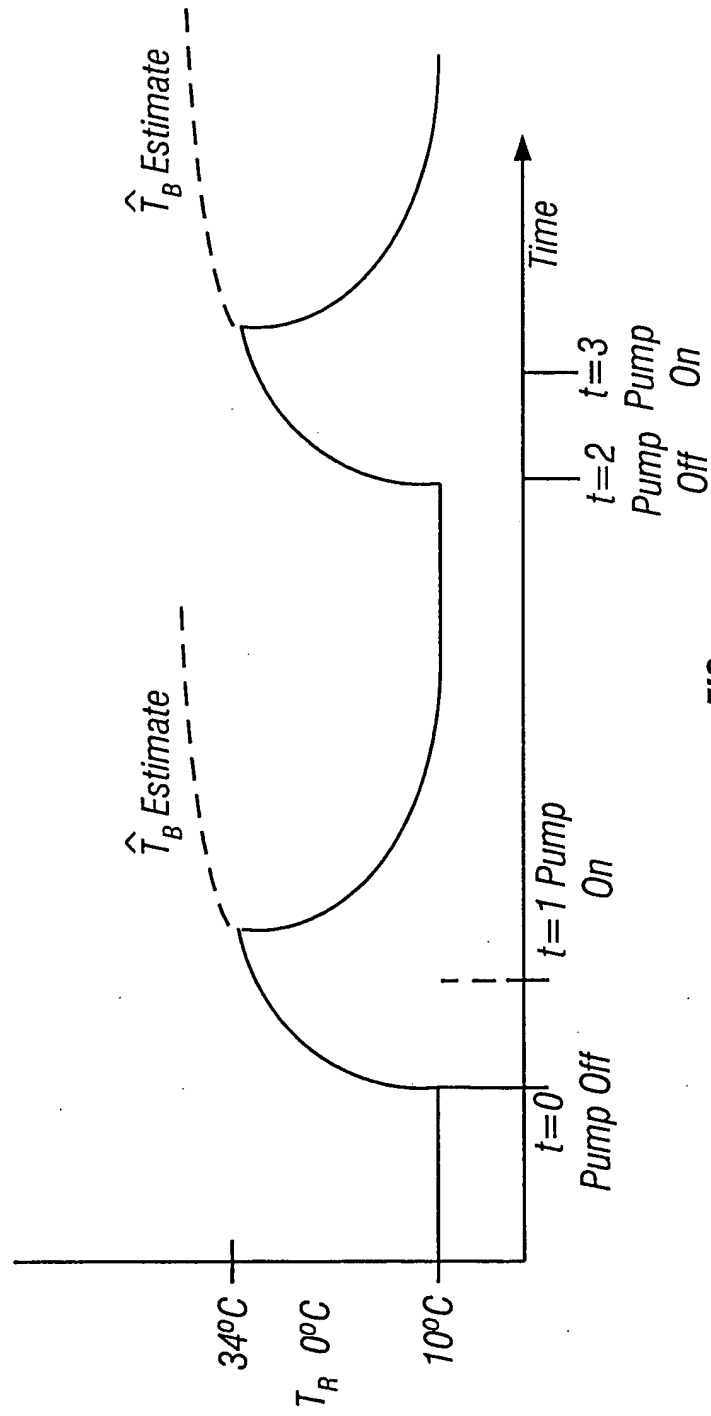


FIG. 35

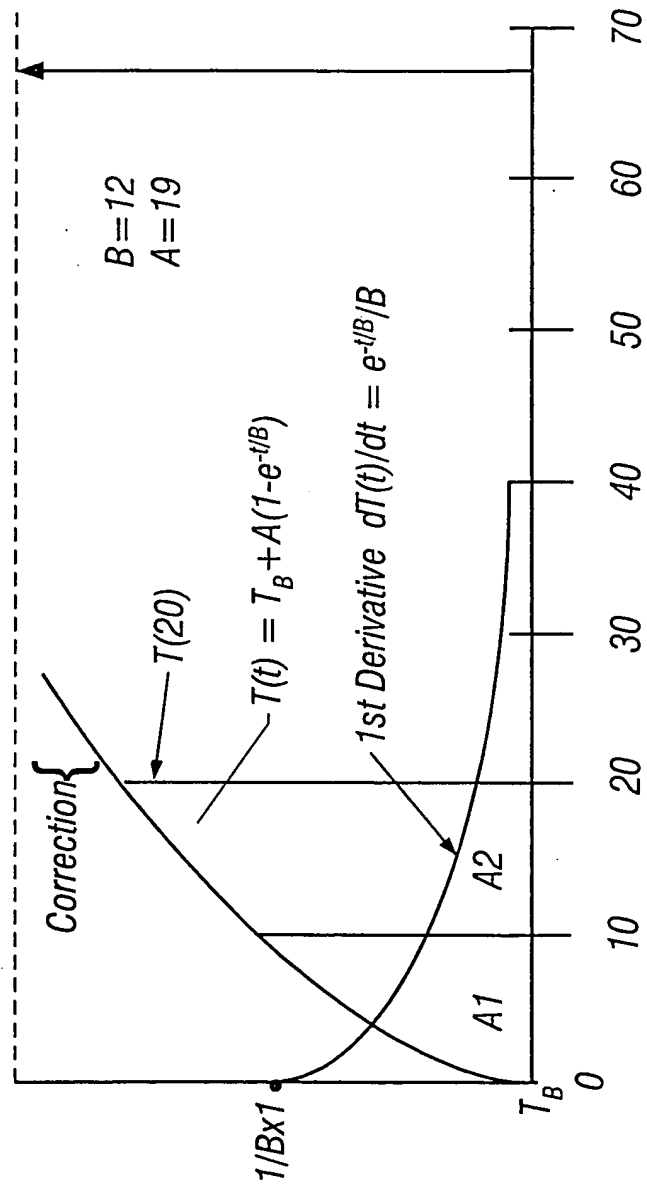


FIG. 36

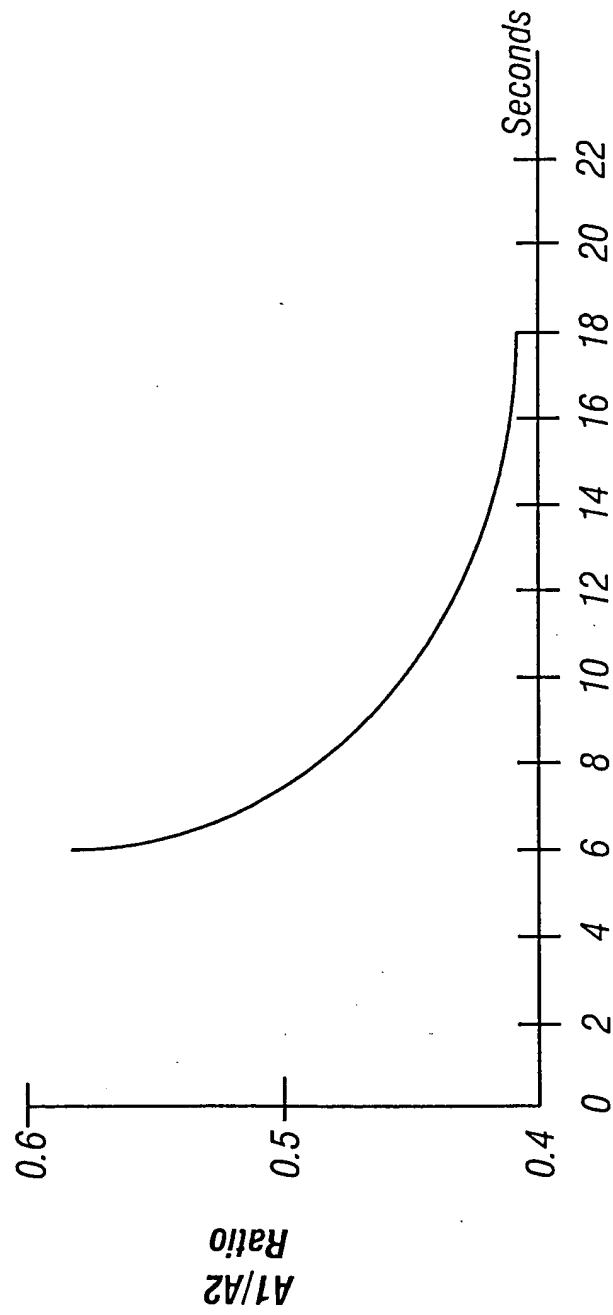
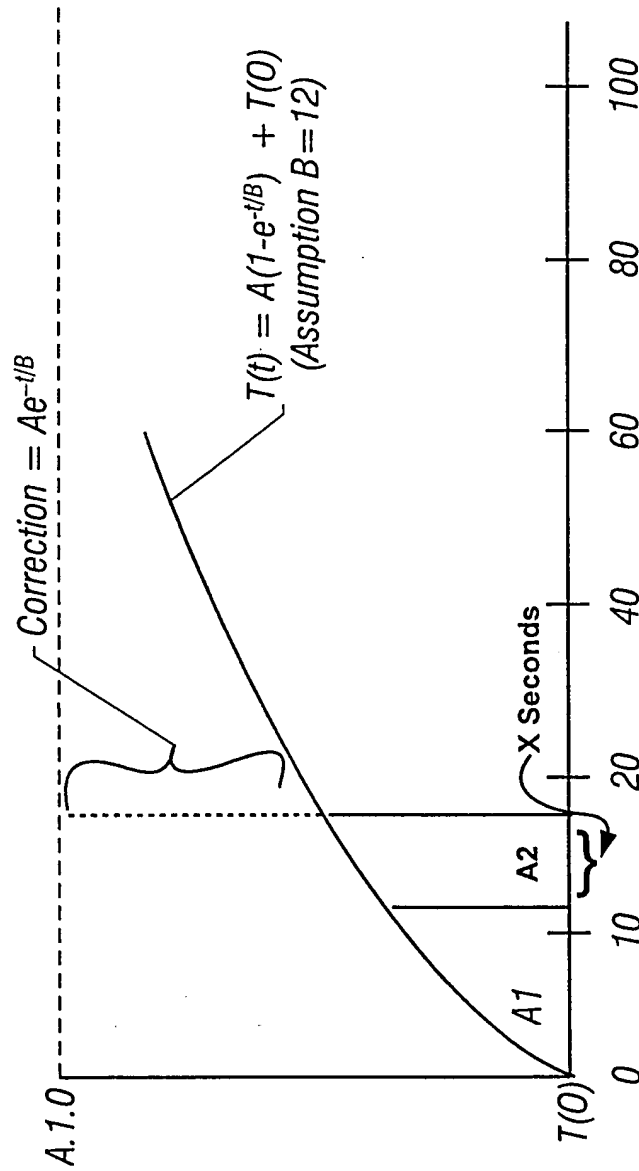


FIG. 37



$t = 12 \text{ sec}$

FIG. 38

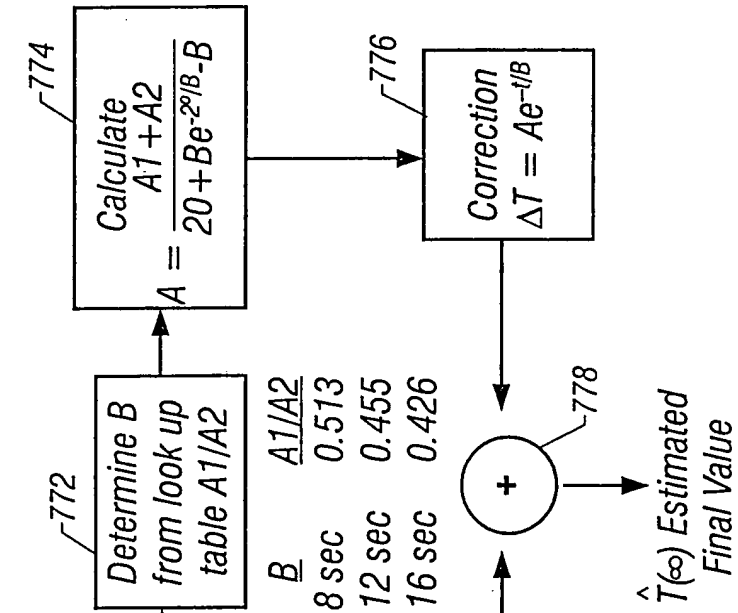


FIG. 39

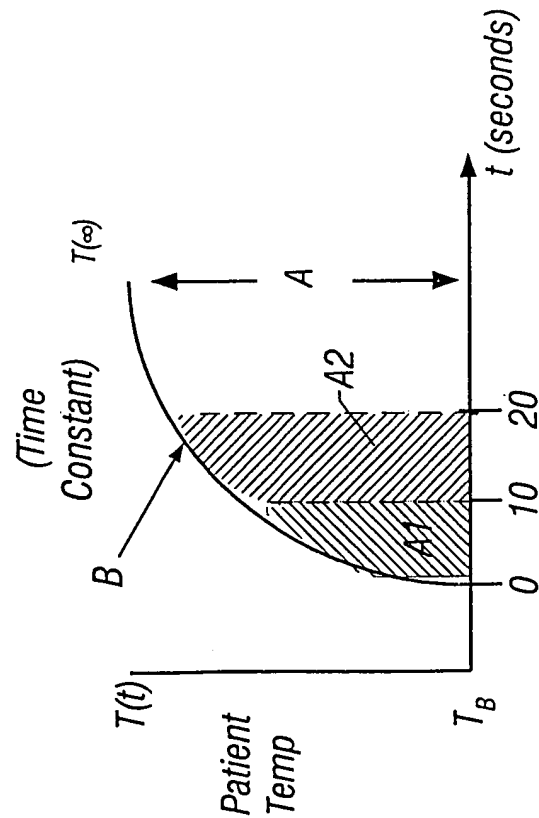


FIG. 40

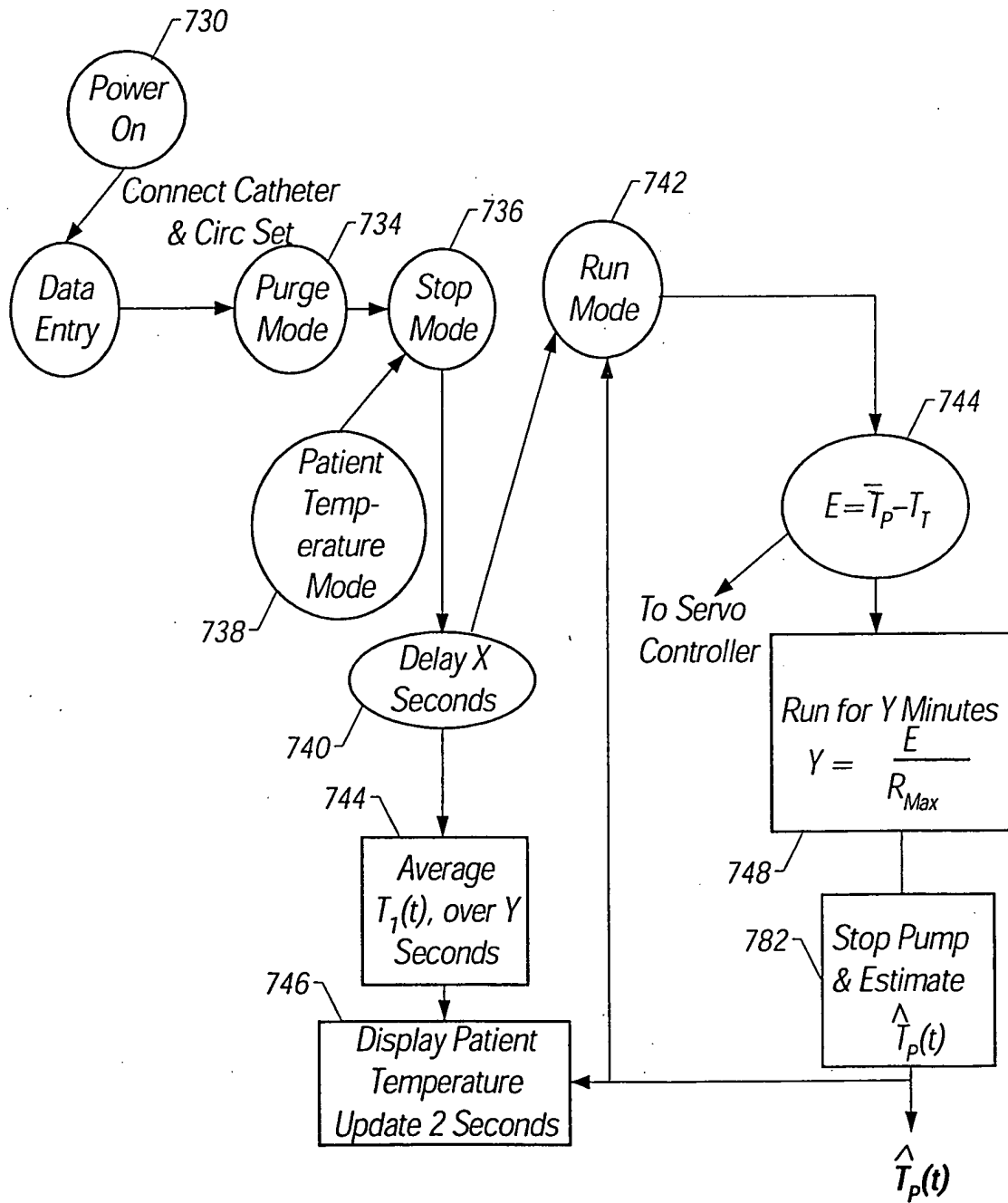
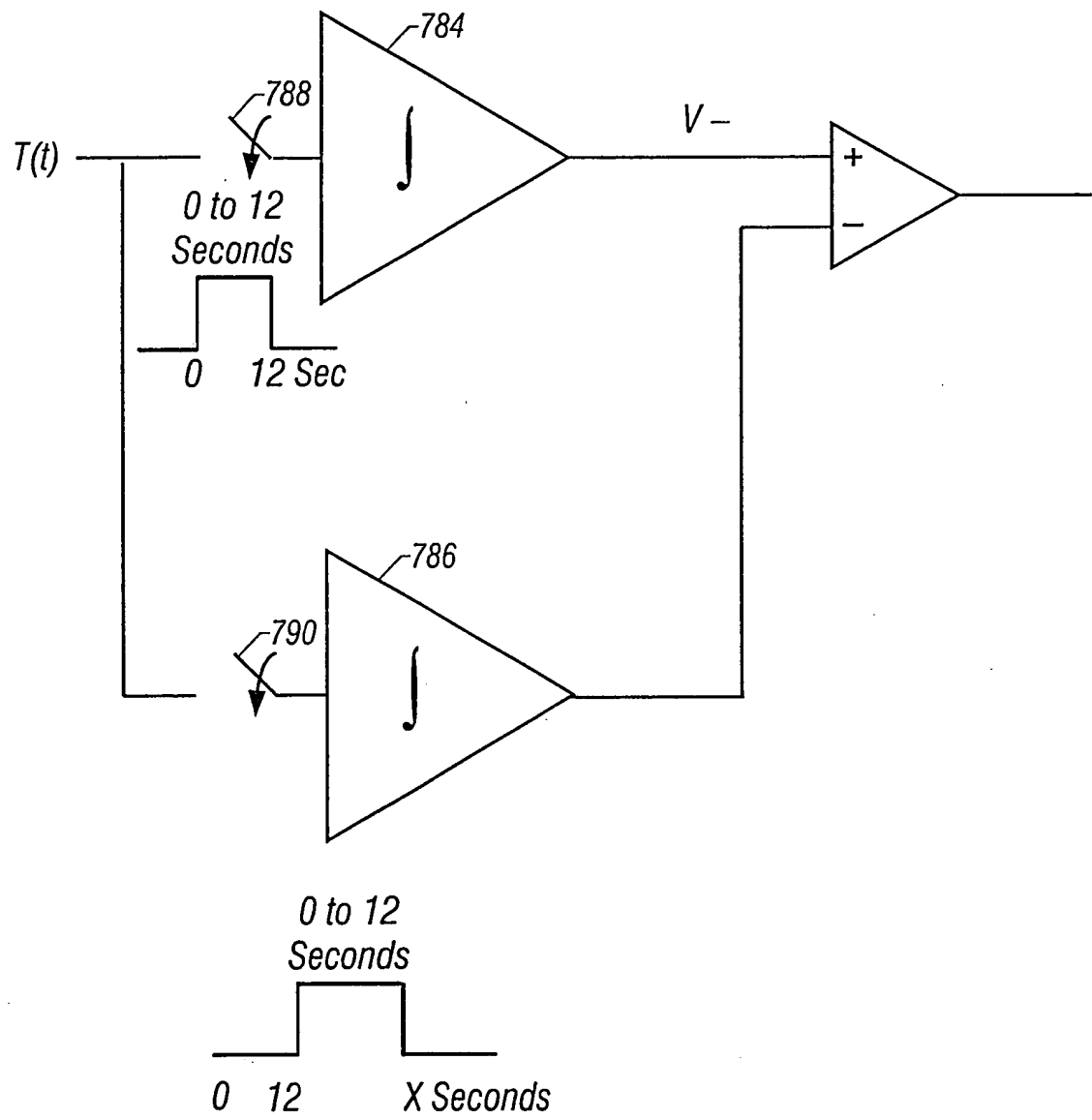


FIG. 41

**Figure 42**



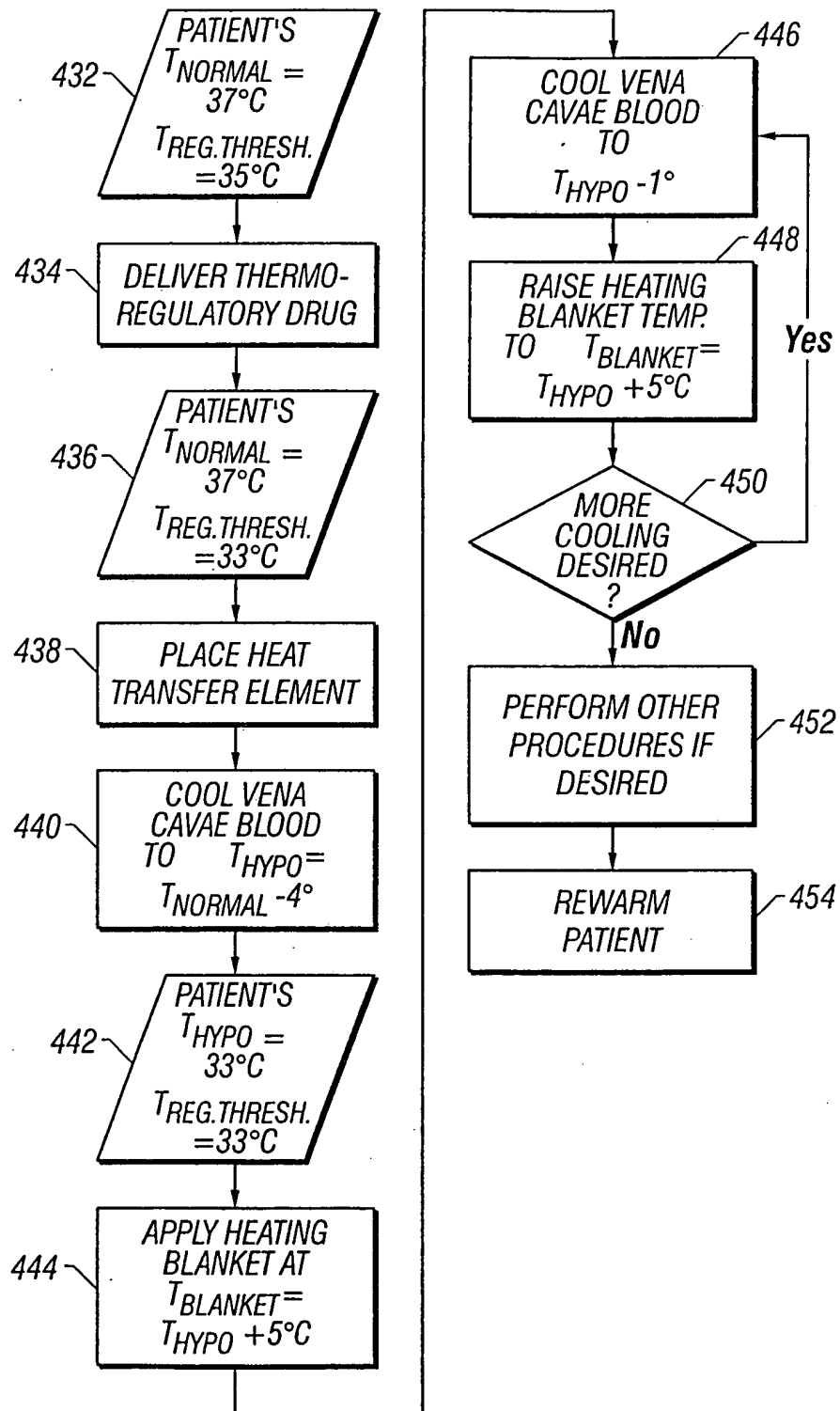


FIG. 43